1. A transmission power control system in a cellular communication system including a plurality of cells, a plurality of base stations respectively arranged in respective of said plurality of cells, mobile stations located within said cells, and control station provided in common for said plurality of base stations and transmitting control instruction for balance adjustment of transmission power to respective of said mobile stations from said base stations,

wherein said base station comprising control means for controlling initiation of a balance adjustment period for performing said balance adjustment from a frame number determined on the basis of frame number of the balance adjustment period.

- A transmission power control system as set forth in claim

 wherein assuming that a frame number of transmission frame to said mobile station is CFN and said balance adjustment period is Nperiod frame, said control means is responsive to reception of said control instruction to perform initiation control of
 said balance adjustment period from the frame of the frame number CFN to be mod (CFN, m x Nperiod) = L (wherein, m is natural number, L is 0 or natural number smaller than m x Nperiod common to all base stations).
- 25 3. A transmission power control system as set forth in claim

1, wherein assuming that a frame number of transmission frame to said mobile station is CFN and said balance adjustment period is Nperiod frame, said control means is responsive to reception of said control instruction to perform initiation control of said balance adjustment period from a frame where a number at the first digit as expressing said CFN by m x Nperiod base number (wherein, m is natural number) becomes a predetermined value.

- 4. A transmission power control system as set forth in claim
 1, wherein assuming that a frame number of transmission frame
 to said mobile station is CFN and said balance adjustment period
 is Nperiod frame, said control means is responsive to reception
 of said control instruction to perform initiation control of
 saidbalance adjustment period from a frame where said CFN becomes
 m x Nperiod + L (wherein m is 0 or natural number and L is 0
 or natural number common to all base stations).
 - 5. A transmission power control system as set forth in claim 4, wherein said m is natural number and said L is 0.

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6. A transmission power control system as set forth in claim
1, wherein said control means resumes said balance adjustment
period from a frame defined by the same rule as a rule determining
initiation of the balance adjustment period when said frame
number is varied from the maximum value to a minimum value or

from the minimum value to the maximum value in discontinuous manner.

7. A transmission power control system as set forth in claim
4, wherein assuming that a frame number of transmission frame to said mobile station is CFN and said balance adjustment period is Nperiod frame, said control means resumes said balance adjustment period from a frame to be m x Nperiod + L when said frame number is varied from the maximum value to a minimum value or from the minimum value to the maximum value in discontinuous manner.

8. A transmission power control system as set forth in claim
1, wherein said control station includes means for selecting
15 said Nperiod as a value satisfying a relationship of k x Nperiod
= CFNmax (k is integer) assuming that a frame number of
transmission frame to said mobile station is CFN, said balance
adjustment period is Nperiod frame, minimum value of said CFN
is 1, maximum value is CFNmax or minimum value is 0 and maximum
20 value is CFNmax - 1, and

control means of each of said base station initiate control of said balance adjustment period from a frame to be m x Nperiod + L (wherein m is 0 or natural number and L is 0 or natural number common to all base stations).

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- 9. A transmission power control system as set forth in claim
 1, wherein assuming that a frame number of transmission frame
 to said mobile station is CFN, said balance adjustment period
 is Nperiod frame, said control means selects said Nperiod as
 a value satisfying a relationship of k x Nperiod = CFNmax (k
 is integer) when minimum value of said CFN is 1, maximum value
 is CFNmax or minimum value is 0 and maximum value is CFNmax
 1, to initiate control of said balance adjustment period from
 a frame to be m x Nperiod + L (wherein m is 0 or natural number
 and L is 0 or natural number common to all base stations).
- 10. A transmission power control system as set forth in claim 1, wherein said control means sets an adjustment amount in said balance adjustment at a value of predetermined ratio to a difference between said transmission power upon initiation of said balance adjustment period and a reference value.
- 11. A transmission power control method in a cellular communication system including a plurality of cells, a plurality of base stations respectively arranged in respective of said plurality of cells, mobile stations located within said cells, and control station provided in common for said plurality of base stations and transmitting control instruction for balance adjustment of transmission power to respective of said mobile stations from said base stations,

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wherein said method comprising a control step of controlling initiation of a balance adjustment period for performing said balance adjustment from a frame number determined on the basis of frame number of the balance adjustment period, in each base station.

- 12. A transmission power control method as set forth in claim
 11, wherein assuming that a frame number of transmission frame
 to said mobile station is CFN and said balance adjustment period
 is Nperiod frame, said control step includes a step of initiating
 control of said balance adjustment period from the frame of
 the frame number CFN to be mod (CFN, m x Nperiod) = L (wherein,
 m is natural number, L is or natural number smaller than m x
 Nperiod common to all base stations) in response to reception
 of said control instruction.
- 13. A transmission power control method as set forth in claim
 11, wherein assuming that a frame number of transmission frame
 to said mobile station is CFN and said balance adjustment period
 20 is Nperiod frame, said control step is responsive to reception
 of said control instruction to perform initiation control of
 said balance adjustment period from a frame where a number at
 the first digit as expressing said CFN by m x Nperiod base number
 (wherein, m is natural number) becomes a predetermined value.

14. A transmission power control method as set forth in claim 11, wherein assuming that a frame number of transmission frame to said mobile station is CFN and said balance adjustment period is Nperiod frame, said control step includes a step responsive to reception of said control instruction to perform initiation control of said balance adjustment period from a frame where said CFN becomes m x Nperiod + L (wherein m is 0 or natural number and L is 0 or natural number common to all base stations.

- 10 15. A transmission power control method as set forth in claim
 14, wherein said m is natural number and said L is 0.
- 16. A transmission power control method as set forth in claim
 11, wherein said control step resumes said balance adjustment
 15 period from a frame defined by the same rule as a rule determining
 initiation of the balance adjustment period when said frame
 number is varied from the maximum value to a minimum value or
 from the minimum value to the maximum value in discontinuous
 manner.

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17. A transmission power control method as set forth in claim 14, wherein assuming that a frame number of transmission frame to said mobile station is CFN and said balance adjustment period is Nperiod frame, said control step resumes said balance adjustment period from a frame to be m x Nperiod + L when said

frame number is varied from the maximum value to a minimum value or from the minimum value to the maximum value in discontinuous manner.

18. A transmission power control method as set forth in claim
11, wherein said control station performs a step of selecting
said Nperiod as a value satisfying a relationship of k x Nperiod

= CFNmax (k is integer) assuming that a frame number of
transmission frame to said mobile station is CFN, said balance
10 adjustment period is Nperiod frame, minimum value of said CFN
is 1, maximum value is CFNmax or minimum value is 0 and maximum
value is CFNmax - 1, and

control step in each of said base station initiate control of said balance adjustment period from a frame to be m x Nperiod

15 + L (wherein m is 0 or natural number and L is 0 or natural number common to all base stations).

19. A transmission power control method as set forth in claim
11, wherein assuming that a frame number of transmission frame
20 to said mobile station is CFN, said balance adjustment period
is Nperiod frame, said control step selects said Nperiod as
a value satisfying a relationship of k x Nperiod = CFNmax (k
is integer) when minimum value of said CFN is 1, maximum value
is CFNmax or minimum value is 0 and maximum value is CFNmax
25 - 1, to initiate control of said balance adjustment period from

a frame to be m x Nperiod + L (wherein m is 0 or natural number and L is 0 or natural number common to all base stations).

- 20. A transmission power control method as set forth in claim
 5 11, wherein said control step sets an adjustment amount in said
 balance adjustment at a value of predetermined ratio to a
 difference between said transmission power upon initiation of
 said balance adjustment period and a reference value.
- 21. A base station in a cellular communication system including a plurality of cells, a plurality of said base stations respectively arranged in respective of said plurality of cells, mobile stations located within said cells, and control station provided in common for said plurality of base stations and transmitting control instruction for balance adjustment of transmission power to respective of said mobile stations from said base stations, said base station comprising:

control means for controlling initiation of a balance adjustment period for performing said balance adjustment from a frame number determined on the basis of frame number of the balance adjustment period.

22. A base station as set forth in claim 21, wherein assuming that a frame number of transmission frame to said mobile station is CFN and said balance adjustment period is Nperiod frame,

said control means initiation control of said balance adjustment period from the frame of the frame number CFN to be mod (CFN, m x Nperiod) = L (wherein, m is natural number, L is or natural number smaller than m x Nperiod common to all base stations) in responce to reception of said control instruction.

23. A base station as set forth in claim 21, wherein assuming that a frame number of transmission frame to said mobile station is CFN and said balance adjustment period is Nperiod frame, said control means is responsive to reception of said control instruction to perform initiation control of said balance adjustment period from a frame where a number at the first digit as expressing said CFN by m x Nperiod base number (wherein, m is natural number) becomes a predetermined value.

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- 24. A base station as set forth in claim 21, wherein assuming that a frame number of transmission frame to said mobile station is CFN and said balance adjustment period is Nperiod frame, said control means is responsive to reception of said control instruction to perform initiation control of said balance adjustment period from a frame where said CFN becomes m x Nperiod + L (wherein m is 0 or natural number and L is 0 or natural number common to all base stations.
- 25 25. A base station as set forth in claim 24, wherein said

m is natural number and said L is 0.

- 26. Abase station as set forth in claim 1, wherein said control means resumes said balance adjustment period from a frame defined by the same rule as a rule determining initiation of the balance adjustment period when said frame number is varied from the maximum value to a minimum value or from the minimum value to the maximum value in discontinuous manner.
- 27. A base station as set forth in claim 24, wherein assuming that a frame number of transmission frame to said mobile station is CFN and said balance adjustment period is Nperiod frame, said control means resumes said balance adjustment period from a frame to be m x Nperiod + L when said frame number is varied from the maximum value to a minimum value or from the minimum value to the maximum value in discontinuous manner.
- 28. A base station as set forth in claim 21, wherein assuming that a frame number of transmission frame to said mobile station is CFN, said balance adjustment period is Nperiod frame, said control means selects said Nperiod as a value satisfying a relationship of k x Nperiod = CFNmax (k is integer) when minimum value of said CFN is 1, maximum value is CFNmax or minimum value is 0 and maximum value is CFNmax 1, to initiate control of said balance adjustment period from a frame to be m x Nperiod

+ L (wherein m is 0 or natural number and L is 0 or natural number common to all base stations).

- 29. A base station as set forth in claim 21, wherein said 5 control means sets an adjustment amount in said balance adjustment at a value of predetermined ratio to a difference between said transmission power upon initiation of said balance adjustment period and a reference value.
- A control station in a cellular communication system 10 30. including a plurality of cells, a plurality of base stations respectively arranged in respective of said plurality of cells, mobile stations located within said cells, and control station provided in common for said plurality of base stations and transmitting control instruction for balance adjustment of 15 transmission power to respective of said mobile stations from said base stations, each of said base station initiate control of a balance adjustment period from a frame to be m x Nperiod + L (wherein m is 0 or natural number and L is 0 or natural number common to all base stations, Nperiod is a period for 20 performing said balance adjustment).

said control station comprising means for selecting said

Nperiod as a value satisfying a relationship of k x Nperiod

= CFNmax (k is integer) assuming that a frame number of
transmission frame to said mobile station is CFN, said balance

adjustment period is Nperiod frame, minimum value of said CFN is 1, maximum value is CFNmax or minimum value is 0 and maximum value is CFNmax - 1.

5 31. A storage medium storing a transmission power control method in a cellular communication system including a plurality of cells, a plurality of base stations respectively arranged in respective of said plurality of cells, mobile stations located within said cells, and control station provided in common for said plurality of base stations and transmitting control instruction for balance adjustment of transmission power to respective of said mobile stations from said base stations,

wherein said control program comprising a control step of controlling initiation of a balance adjustment period for performing said balance adjustment from a frame number determined on the basis of frame number of the balance adjustment period, in each base station.

32. A storage medium as set forth in claim 31, wherein assuming
20 that a frame number of transmission frame to said mobile station
is CFN and said balance adjustment period is Nperiod frame,
said control step includes a step of initiating control of said
balance adjustment period from the frame of the frame number
CFN to be mod (CFN, m x Nperiod) = L (wherein, m is natural
25 number, L is or natural number smaller than m x Nperiod common

to all base stations) in response to reception of said control instruction.

- 33. A storage medium as set forth in claim 31, wherein assuming that a frame number of transmission frame to said mobile station is CFN and said balance adjustment period is Nperiod frame, said control step is responsive to reception of said control instruction to perform initiation control of said balance adjustment period from a frame where a number at the first digit as expressing said CFN by m x Nperiod base number (wherein, m is natural number) becomes a predetermined value.
- 34. A storage medium as set forth in claim 31, wherein assuming that a frame number of transmission frame to said mobile station is CFN and said balance adjustment period is Nperiod frame, said control step includes a step responsive to reception of said control instruction to perform initiation control of said balance adjustment period from a frame where said CFN becomes m x Nperiod + L (wherein m is 0 or natural number and L is 0 or natural number common to all base stations.
 - 35. A storage medium as set forth in claim 34, wherein said m is natural number and said L is 0.
- 25 36. A storage medium as set forth in claim 31, wherein said

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control step resumes said balance adjustment period from a frame defined by the same rule as a rule determining initiation of the balance adjustment period when said frame number is varied from the maximum value to a minimum value or from the minimum value to the maximum value in discontinuous manner.

- 37. A storage medium as set forth in claim 34, wherein assuming that a frame number of transmission frame to said mobile station is CFN and said balance adjustment period is Nperiod frame, said control step resumes said balance adjustment period from a frame to be m x Nperiod + L when said frame number is varied from the maximum value to a minimum value or from the minimum value to the maximum value in discontinuous manner.
- 15 38. A storage medium as set forth in claim 31, wherein assuming that a frame number of transmission frame to said mobile station is CFN, said balance adjustment period is Nperiod frame, said control step selects said Nperiod as a value satisfying a relationship of k x Nperiod = CFNmax (k is integer) when minimum value of said CFN is 1, maximum value is CFNmax or minimum value is 0 and maximum value is CFNmax 1, to initiate control of said balance adjustment period from a frame to be m x Nperiod + L (wherein m is 0 or natural number and L is 0 or natural number common to all base stations).

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- 39. A storage medium as set forth in claim 31, wherein said control step sets an adjustment amount in said balance adjustment at a value of predetermined ratio to a difference between said transmission power upon initiation of said balance adjustment period and a reference value.
- 40. A storage medium storing a transmission power control method in a cellular communication system including a plurality of cells, a plurality of base stations respectively arranged in respective of said plurality of cells, mobile stations located within said cells, and control station provided in common for said plurality of base stations and transmitting control instruction for balance adjustment of transmission power to respective of said mobile stations from said base stations, each of said base station initiate control of a balance adjustment period from a frame to be m x Nperiod + L (wherein m is 0 or natural number and L is 0 or natural number common to all base stations, Nperiod is a period for performing said balance adjustment).
- said control program comprising step of selecting said

 Nperiod as a value satisfying a relationship of k x Nperiod

 = CFNmax (k is integer) assuming that a frame number of

 transmission frame to said mobile station is CFN, said balance
 adjustment period is Nperiod frame, minimum value of said CFN

 is 1, maximum value is CFNmax or minimum value is 0 and maximum

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value is CFNmax - 1.

- 41. A transmission power control system as set forth in claim 1, wherein assuming that a frame number of transmission frame to said mobile station is CFN, said balance adjustment period is Nperiod frame, and said CFN is incremented by one in every frame to be reset to 0 when said CFN exceeds a predetrmined number, said control means is responsive to reception of said control instruction to control said balance adjustment starting at a frame with CFN modulo Nperiod equal to 0, and repeating for every Nperiod frame, and restarting at a frame with CFN=0.
- 42. A transmission power control method as set forth in claim
 11, wherein assuming that a frame number of transmission frame
 15 to said mobile station is CFN, said balance adjustment period
 is Nperiod frame, and said CFN is incremented by one in every
 frame to be reset to 0 when said CFN exceeds a predetermined
 number, said control step is responsive to reception of said
 control instruction to control said balance adjustment
 20 starting at a frame with CFN modulo Nperiod equal to 0, and
 repeating for every Nperiod frame, and restarting at a frame
 with CFN=0.
- 43. A base station as set forth in claim 21, wherein assuming
 that a frame number of transmission frame to said mobile station

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is CFN, said balance adjustment period is Nperiod frame, and said CFN is incremented by one in every frame to be reset to 0 when said CFN exeeds a predetermined number, said control means is responsive to reception of said control instruction to control said balance adjustment starting at a frame with CFN modulo Nperiod equal to 0, and repeating for every Nperiod frame, and restarting at frame with CFN=0.

44. A storage medium as set forth in claim 31, wherein assuming that a frame number of transmission frame to said mobile station is CFN, said balance adjustment period is Nperiod frame, and said CFN is incremented by one in every frame to be reset to 0 when said CFN exceeds a predetermined number, said control step is responsive to reception of said control instruction to control said balance adjustment starting at a frame with CFN modulo Nperiod equal to 0, and repeating for every Nperiod frame, and restarting at a frame with CFN=0.